

# Cem BÃ¼lent AestÃ¼nda•

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

899  
citations

567144

15  
h-index

477173

29  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1313  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antileishmanial effect of silver nanoparticles and their enhanced antiparasitic activity under ultraviolet light. <i>International Journal of Nanomedicine</i> , 2011, 6, 2705.	3.3	178
2	3D bioprinting applications in neural tissue engineering for spinal cord injury repair. <i>Materials Science and Engineering C</i> , 2020, 110, 110741.	3.8	92
3	3D printing of PVA/hexagonal boron nitride/bacterial cellulose composite scaffolds for bone tissue engineering. <i>Materials and Design</i> , 2020, 196, 109094.	3.3	82
4	Coaxial and emulsion electrospinning of extracted hyaluronic acid and keratin based nanofibers for wound healing applications. <i>European Polymer Journal</i> , 2021, 142, 110158.	2.6	60
5	Evaluation of current diagnostic methods for COVID-19. <i>APL Bioengineering</i> , 2020, 4, 041506.	3.3	49
6	Processing and properties of boron carbide (B4C) reinforced LDPE composites for radiation shielding. <i>Ceramics International</i> , 2020, 46, 343-352.	2.3	46
7	3D Propolis-Sodium Alginate Scaffolds: Influence on Structural Parameters, Release Mechanisms, Cell Cytotoxicity and Antibacterial Activity. <i>Molecules</i> , 2020, 25, 5082.	1.7	34
8	3D printing in the battle against COVID-19. <i>Emergent Materials</i> , 2021, 4, 363-386.	3.2	30
9	Mechanical behaviour of a low-clay translucent whiteware. <i>Journal of the European Ceramic Society</i> , 2006, 26, 169-177.	2.8	28
10	Removal of oxytetracycline by graphene oxide and Boron-doped reduced graphene oxide: A combined density function Theory, molecular dynamics simulation and experimental study. <i>FlatChem</i> , 2021, 27, 100238.	2.8	28
11	Carbon nanotube/boehmite-derived alumina ceramics obtained by hydrothermal synthesis and spark plasma sintering (SPS). <i>Journal of the European Ceramic Society</i> , 2010, 30, 3351-3356.	2.8	23
12	Production of tubular porous hydroxyapatite using electrophoretic deposition. <i>Journal of the Ceramic Society of Japan</i> , 2012, 120, 569-573.	0.5	23
13	Electrospun drug blended poly(lactic acid) (PLA) nanofibers and their antimicrobial activities. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	22
14	OH and COOH functionalized single walled carbon nanotubes-reinforced alumina ceramic nanocomposites. <i>Ceramics International</i> , 2012, 38, 1287-1293.	2.3	17
15	Synthesis and electrophoretic deposition of hydrothermally synthesized multilayer TiO2 nanotubes on conductive filters. <i>Materials Letters</i> , 2012, 66, 179-181.	1.3	15
16	Fabrication of three-dimensional PCL/BiFeO3 scaffolds for biomedical applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020, 261, 114660.	1.7	15
17	3-D micro-ceramic components from hydrothermally processed carbon nanotube-boehmite powders by electrophoretic deposition. <i>Ceramics International</i> , 2010, 36, 1703-1710.	2.3	14
18	Design and fabrication of electrospun polycaprolactone/chitosan scaffolds for ligament regeneration. <i>European Polymer Journal</i> , 2021, 148, 110357.	2.6	14

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19	Hydrothermally Mixed Hydroxyapatite-Multiwall Carbon Nanotubes Composite Coatings on Biomedical Alloys by Electrophoretic Deposition. <i>Journal of Physical Chemistry B</i> , 2013, 117, 1571-1576.	1.2	12
20	Carbonaceous nanomaterials for phototherapy: a review. <i>Emergent Materials</i> , 2020, 3, 479-502.	3.2	12
21	Combating COVID-19 with tissue engineering: a review. <i>Emergent Materials</i> , 2021, 4, 329-349.	3.2	12
22	Recent developments and characterization techniques in 3D printing of corneal stroma tissue. <i>Polymers for Advanced Technologies</i> , 2021, 32, 3287-3296.	1.6	12
23	Fabrication of porous hydroxyapatite-carbon nanotubes composite. <i>Materials Letters</i> , 2016, 167, 89-92.	1.3	11
24	3D Printing for Tissue Engineering Applications. <i>Journal of Polytechnic</i> , 0, , .	0.4	11
25	Electrophoretic deposition of hydrothermally synthesised Ag-TiO <sub>2</sub> hybrid nanoparticles onto 3-D Ni filters. <i>Materials Letters</i> , 2012, 67, 113-116.	1.3	10
26	Boehmite derived surface functionalized carbon nanotube-reinforced macroporous alumina ceramics. <i>Journal of the European Ceramic Society</i> , 2010, 30, 2525-2531.	2.8	9
27	Selenium and clarithromycin loaded PLA-GO composite wound dressings by electrospinning method. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 898-909.	1.8	9
28	Effect of visible light on the removal of trichloromethane by graphene oxide. <i>Diamond and Related Materials</i> , 2020, 106, 107814.	1.8	9
29	Antibacterial and cellular behavior of PLA-based bacitracin and zataria multiflora nanofibers produced by electrospinning method. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 319-334.	1.8	8
30	Adsorption of copper ion from aqueous solutions by well-crystallized nanosized hydroxyapatite. <i>Materials Research Express</i> , 2019, 6, 125545.	0.8	4
31	Effect of electric stimulus on human adipose-derived mesenchymal stem cells cultured in 3D printed scaffolds. <i>Polymers for Advanced Technologies</i> , 2021, 32, 1114-1125.	1.6	3
32	DOKU MÄHENDÄSLÄÄNDE 3 BOYUTLU BÄYO-BASKI ÄÄ¼N BÄYOFONKSÄYONEL MÄREKKEPLER. <i>International Journal of 3d Printing Technologies and Digital Industry</i> , 0, , .	0.3	2
33	Targeted drug delivery and vaccinology approaches using virus-like particles for cancer. <i>Journal of the Faculty of Pharmacy of Ästanbul Äciversity</i> , 0, , .	0.5	2
34	Biofunctional Inks for 3D Printing in Skin Tissue Engineering. <i>Gels Horizons: From Science To Smart Materials</i> , 2021, , 229-259.	0.3	1
35	PLA TABANLI ÄEST EKSTREMITE PARMAC ORTEZI 3 BOYUTLU TASARIMI VE BASKISI. <i>MÄ¼hendislik Bilimleri Ve TasarÄm Dergisi</i> , 2018, 6, 460-463.	0.1	0